

CLAIM AMENDMENTS

- 1 1. (Original) A brake assembly for inline skates having a boot portion, a frame
2 supported below said boot portion, said frame having a right and a left
3 downwardly directed frame members, each downwardly directed frame member
4 having at least three sets of openings for supporting at least three axles, each axle
5 supporting a wheel, and each opening having an inwardly directed bearing
6 supporting protrusion extending inwardly from an inner face of each frame
7 member and each inwardly directed bearing supporting protrusion having a
8 peripheral edge, each frame member extending below said axles, said brake
9 assembly comprising:

10 a right and a left carrier plate positioned along at least a portion of the
11 inner face of said right and left downwardly directed frame members, each carrier
12 plate having at least two elongated openings positioned over at least two bearing
13 supporting protrusions so that said right and left carrier plates can move between
14 an engaged position and a disengaged position, said elongated openings having a
15 major dimension and a minor dimension and said minor dimension being about
16 equal to an outer dimension of said protrusions;

17 a plurality of diabolos supported by said right and left carrier plates, each
18 diablo having a pair of wheel contacting portions, said plurality of diabolos being
19 positioned so that they do not contact a wheel when said carrier plate is in a

20 disengaged position and so that they contact a wheel when said carrier plates are
21 in an engaged position; and
22 means for moving said carrier plates between a disengaged position and an
23 engaged position.

1 2. (Original) The brake assembly of Claim 1 wherein said means for moving
2 said carrier plates between a disengaged position and an engaged position
3 comprises a collar pivotally held about an ankle portion of said boot, said collar
4 having a force conveying member connected to said right and left carrier plates
5 and adapted to move said carrier plates to a disengaged position when said collar
6 is in a forward position and to move said carrier plates to an engaged position
7 when said collar is in a rearward position.

3. (Original) The brake assembly of Claim 1 wherein said elongated openings
have said major dimension oriented horizontally and surround said respective
peripheral edges of said protrusions over which they are positioned.

4. (Original) The brake assembly of Claim 1 wherein said elongated openings
have said major dimension oriented vertically and surround said respective
peripheral edges of said protrusions over which they are positioned.

5. (Original) The brake assembly of Claim 1 wherein said carrier plates are biased toward a disengaged position.
6. (Original) The brake assembly of Claim 1 wherein said carrier plates are pivotally supported about a front wheel of said inline skate.
7. (Original) The brake assembly of Claim 1 wherein each of said diabolos has an axis of rotation and said axis of rotation of at least one of said diabolos is positioned below an axis of rotation of all of said wheels.
- 1 8. (Original) The brake assembly of Claim 1 wherein each of said diabolos
2 comprise two members rotatably held over a diablo axle supported by said
3 carrier plates, each of said members having a tapered surface for contacting an
4 outer surface of a wheel and the tapered surface having a wider portion at an outer
5 side and a narrower portion at an inner side and each of said separate members
6 having a friction inducing surface on an outer end of said separate members for
7 contact with said carrier plates when said diablo is moved into a braking
8 position.
9. (Original) The brake assembly of Claim 8 wherein said members are separated from one another in each diablo.

10. (Original) The brake assembly of Claim 8 wherein said members are integral and covered with a flexible polymer.

1 11. (Currently amended) A brake assembly for inline skates having a boot portion, a
2 frame supported below said boot portion, said frame having a right and a left
3 downwardly directed frame members, each downwardly directed frame member
4 having at least three sets of openings for supporting at least three axles, each axle
5 supporting a wheel, said brake assembly comprising:

6 a right and a left carrier plate positioned along at least a portion of the
7 inner face of said right and left downwardly directed frame members and said
8 right and left carrier plates are movably supported by said frame so that said right
9 and left carrier plates can move between an engaged position and a disengaged
10 position;

11 at least one diablo supported by said right and left carrier plates, said at
12 least one diablo having a pair of wheel contacting portions, said at least one
13 diablo being fabricated in a one piece body having a flexible radially outwardly
14 facing portion[, a] having radially narrowed inner portion and an outer frictional
15 portion and said at least one diablo being configured so that the radially
16 outwardly facing portion and said radially narrowed inner portion do not contact
17 said wheel when said carrier plates are in a disengaged position and so that when
18 said carrier plates are in an engaged position, said radially outwardly facing

19 portion does contact said wheels and is urged outwardly so that said outer
20 frictional portion is urged outwardly into contact with said carrier plates ; and
21 means for moving said carrier plates between a disengaged position and an
22 engaged position.

12. (Original) The brake assembly of Claim 11 wherein said at least one diabolo is held in a horizontally oriented slot in said pair of carrier plates and is oriented between two adjacent wheels and when moved vertically, contacts said two adjacent wheels.
13. (Original) The brake assembly of Claim 11 wherein the body of said diabolo is fabricated from a polymeric material selected from the group consisting of polyurethane, rubber, polytetrafluoro ethylene, polyetheretherketone, polyetherimide and phenolic based resin.
14. (Original) The brake assembly of Claim 11 wherein said diabolo has a cylindrical axle made of a rigid material.
15. (Original) The brake assembly of claim 11 wherein said at least one diabolo is supported by an axle held by said carrier plates in a manner so that the axle can not turn with respect to said carrier plates.